FIG. 1(A)

Mark A with cycle period comprising 3 unit frames

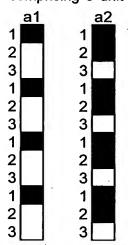


FIG. 1(B)

Mark B with cycle period comprising 4 unit frames

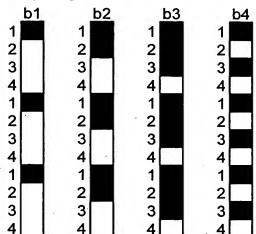
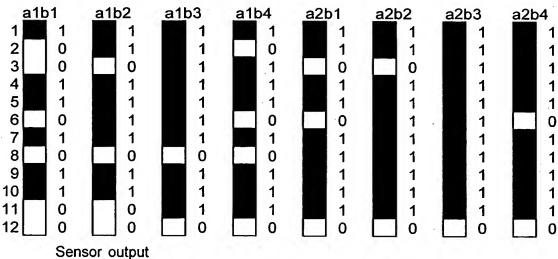


FIG. 1(C)

Combination of Mark A and Mark B



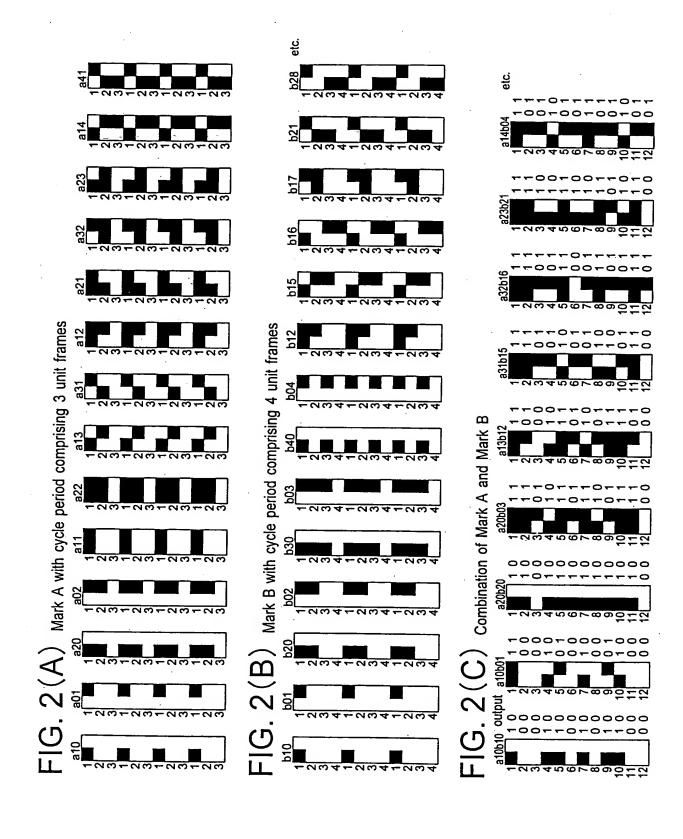


FIG. 3(A)

Mark K with cycle period comprising 3 unit frames Black mark

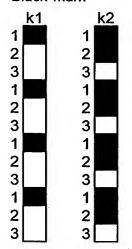


FIG. 3(B)

Mark L with cycle period comprising 4 unit frames White mark

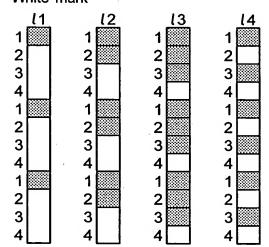


FIG. 3(C)

Combination (Black mark A is layed on White mark B)

<u>k1 l</u> 1	<u>k1</u> b2	<u>k1</u> b3	<u>k1b4</u>	<u>k2</u> b1	k2b2	k2b3	k214
1 1	1	1	1	1	1	1	1
2 0	1	1	0	1	1	1	_1
3 0	0	1	1		□ 0	1	1
4 1	1	1	1	1	1	1	1
5 1	1	1	1	1	. 1	1	1
6 0	1	1	0	0	1	1	0
7 1	1	1	1	1	1	1	1
8 0	0	0	0	1_	1	1	1
9 1	1	1	1	1	1	1	1
10 1	1	1	1	1	1	1	1
11 0	0	1	1	1	1	1	1
12 0	0	<u></u> □ 0	□ 0	o	□ 0	O	o
9 1 10 1 11 0	1 0	1 1	1 1	1 1 0	1	1 1	1 1 1 0

Sensor output, in which

Frame expresses output of White mark

FIG. 4 (A) Mark A with cycle period comprising 3 unit frames (a1) <u>NAMACI NAMECI NAMECI NAMECI NAMECI</u>

 $\mathsf{FIG.4}(\mathsf{B})$ Mark B with cycle period comprising 4 unit frames (b1)

<u> MAINEO DAENEO BAENEO BAENEO ATINEO BAENEO </u>

FIG. 4(C) Mark AB with cycle period comprising 12 unit frames (a1b1)

RYKNIKOJ KYKNIKOJ KYKNIKOJ RYKNIKOJ RYKNIKOJ KYKNIKOJ KYKNIKOJ

FIG. 4 (D) Mark A with cycle period comprising 3 unit frames (a2)

MANTO NIMIO NIMIO NAMEO MANTO NIMIO NAMEO MANTO NAMEO

FIG. 4 (E) Mark B with cycle period comprising 4 unit frames (b2)

YZNIEC DYZNIEC BYZNIEC BYZNIEC BYZNIEC

 $\mathsf{FIG.}\ \mathsf{4}(\mathsf{F})$ Mark AB with cycle period comprising 12 unit frames (a2b2)

KANIKS KANIKI KANIKI KANIKI KANIKI KANIKI KANIKS KANIKI KANIKI

FIG. 5(A) Mark A with cycle period comprising 3 unit frames (a12)



FIG. 5 (B) Mark B with cycle period comprising 4 unit frames (b12)



FIG. 5(C) Mark AB with cycle period comprising 12 unit frames (a12B12)



FIG. 5(D) Mark A with cycle period comprising 3 unit frames (a41)



IG. 5 (E) Mark B with cycle period comprising 4 unit frames (b21)



FIG. 5 (F) Mark AB with cycle period comprising 12 unit frames (a41b21)



FIG. 6 (A) Mark K with cycle period comprising 3 unit frames (k1)

FIG. 6(B) Mark L with cycle period comprising 4 unit frames (11)

EVAINEC! EVAINEC! EVAINEC! EVAINEC! EVAINEC! EVAINEC!

FIG.~6(C)~ Mark KL with cycle period comprising 12 unit frames (K1(1)

<u>NAMECI INAMECI INAMECI NAMECINAMECI INAMECI NAMECI NAMECI INAMECI INAMECI INAMECI IN</u>

FIG. 6(D) Mark K with cycle period comprising 3 unit frames (k2)

<u> Manaca manaca nyanaca nyanaca nyanaca nyanaca</u>

FIG. 6 (E) Mark L with cycle period comprising 4 unit frames (12)

<u>BYZINZCZEVZINZCZ BYZINZCZ BYZINZCZEVZINZCZEYZINZCZ BYZINZCZ BYZINZCZE</u>

FIG. 6 (F) Mark KL with cycle period comprising 12 unit frames (k2l2)